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32-2597: NDUFS5 Recombinant Protein

Alternative Name : CI-15k,CI15K,NADH dehydrogenase [ubiquinone] iron-sulfur protein 5,Complex I-15 kDa,NADH-ubiquinone oxidoreductase 15 kDa subunit,CI-15 kDa,NDUFS5.

Description

Source : Escherichia Coli. NDUFS5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 129 amino acids (1-106a.a) and having a molecular mass of 14.9kDa. NDUFS5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Histidine NADH Dehydrogenase Fe-S Protein 5 (NDUFS5) belongs to the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. NDUFS5 is a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which doesn't take part in catalysis. Complex I is transferring the electrons from NADH to the respiratory chain.

Product Info

Amount :	25 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The NDUFS5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMPFLDIQ KRFGLNIDRW LTIQSGEQPY KMAGRCHAFE KEWIECAHGI GYTRAEKECK IEYDDFVECL LRQKTMRRAG TIRKQRDKLI KEGKYTPPPH HIGKGEPRP.

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